

LION8

Technical Specifications

WEIGHT & DIMENSIONS

Cabin Length - BBC	79 in
Cab Height	107 in
Wheelbase	195 in
Gross Vehicle Weight Rating (G.V.W.R)	Up to 60,000 lb

ELECTRIC POWERTRAIN

Top Speed	65 mph
Maximum Power	350 kW • 470 HP
Maximum Torque	3,400 NM • 2,500 ft-lb
Range	Up to 170 miles
Battery Capacity	Up to 336 kWh
ePTO	Available
Motor & Inverter	SUMO HD 800 VDC - 9 phases Dana/TM4
Transmission	Direct Drive No Transmission
Level III - Charging time	Minimum 2 hours

CHASSIS

Front Axle	Up to 20,000 lb
Rear Axle	Up to 40,000 lb
Suspension	Air Suspension • Hendrickson
Braking	Air Disc Brakes • Bendix



Multiple range offerings available



All-Electric Class 8
Straight Truck

 **LION ELECTRIC**



Purpose-built to give you all the clean power you need.

Lion is building today's ultimate electric urban truck.

Designed and purpose-built to deliver goods, our zero-emission class 8 urban truck is efficient and sustainable, offering a powerful combination of unparalleled performance and exceptional savings.

Each fleet vehicle lightens the global GHG load by up to 100 tons per year.

The **Lion** Experience:

- Grant writing and ability to leverage fundings
- Charging infrastructure design and project management
- Complete onboarding trainings
- Purpose-designed EV telematic system

Make your **next move** a **bright one.**



Savings Electric VS. Diesel



80%

ENERGY COSTS
REDUCTION



60%

MAINTENANCE
COSTS REDUCTION

- 1 ZERO-EMISSION SOLUTION
- 2 PROVEN SAFETY RECORDS
- 3 LOWEST TOTAL COST OF OWNERSHIP
- 4 REDUCTION OF MAINTENANCE DOWN TIME
- 5 BEST-IN-CLASS DRIVING EXPERIENCE
- 6 NO NOISE POLLUTION

